

IAP4 Rec'd PCT/STO 29 DEC 2005

FORM PTO-1390  
(REV 12-2001)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER  
745003-1000TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371U.S. APPLICATION NO. (If known, see 37 CFR 1.5)  
10/521,796INTERNATIONAL APPLICATION NO.  
PCT/GB03/03173INTERNATIONAL FILING DATE  
July 23, 2003PRIORITY DATE CLAIMED  
July 23, 2002

## TITLE OF INVENTION COMPOSITION

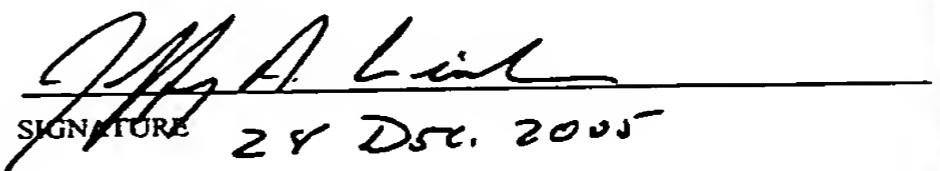
APPLICANT(S) FOR DO/EO/US Matthew William VINCENT, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected by the expiration of 19 months from the priority date (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11 to 20 below concern document(s) or information included:

11.  A Supplemental Information Disclosure Statement under 37 CFR 1.97 and 1.98 with PTO Form 1449
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A FIRST preliminary amendment.
14.  A SECOND or SUBSEQUENT preliminary amendment.
15.  A substitute specification.
16.  A change of power of attorney and/or address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18.  A second copy of the published international application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information:

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.56) <b>10/521,796</b>	INTERNATIONAL APPLICATION NO. <b>PCT/GB03/03173</b>	ATTY/DOCS DOCKET NUMBER <b>745003-1000</b>																				
21. The following fees are submitted:																						
<table border="1"> <tr> <td><input type="checkbox"/> a) Basic national fee.....</td> <td>\$300.00</td> <td rowspan="3" style="vertical-align: top;">\$</td> </tr> <tr> <td><input type="checkbox"/> b) Examination fee.....</td> <td>\$200.00</td> </tr> <tr> <td><input type="checkbox"/> c) Search fee .....</td> <td>\$500.00</td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b></td> <td>\$</td> </tr> <tr> <td colspan="3"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.         </td> </tr> </table>			<input type="checkbox"/> a) Basic national fee.....	\$300.00	\$	<input type="checkbox"/> b) Examination fee.....	\$200.00	<input type="checkbox"/> c) Search fee .....	\$500.00	<b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>		\$	<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
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Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).																						
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>- 20 =</td> <td></td> <td>x \$50.00</td> </tr> <tr> <td>Independent claims</td> <td>- 3 =</td> <td></td> <td>x \$200.00</td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b></td> <td>+ \$360.00</td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td><b>\$130.00</b></td> </tr> </tbody> </table>			CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	- 20 =		x \$50.00	Independent claims	- 3 =		x \$200.00	<b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b>			+ \$360.00	<b>TOTAL OF ABOVE CALCULATIONS =</b>			<b>\$130.00</b>
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<b>TOTAL OF ABOVE CALCULATIONS =</b>			<b>\$130.00</b>																			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.																						
<b>SUBTOTAL = \$130.00</b>																						
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).																						
<b>TOTAL NATIONAL FEE = \$130.00</b>																						
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +																						
<b>TOTAL FEES ENCLOSED = \$170.00</b>																						
<table border="1"> <tr> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$170.00</td> </tr> </table>			Amount to be refunded:	\$	Amount to be charged:	\$170.00																
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<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>19-2380 (745003-1000)</u> in the amount of <u>\$170.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-2380</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>																						
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>																						
01/03/2006	SEND ALL CORRESPONDENCE TO: 19-2380 10521796	 SIGNATURE 28 Dec. 2005																				
01 FC:1617	130.00 DA	NAME <u>Jeffrey A. Lindeman</u>																				
NIXON PEABODY LLP 401 9 <sup>th</sup> Street, N.W. Suite 900 Washington, D.C. 20004-2128		REGISTRATION NUMBER <u>34,658</u>																				

Rec'd PCT/PTO 29 DEC 2005



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/521,796	Matthew William Vincent	745003-1000

22204  
 NIXON PEABODY, LLP  
 401 9TH STREET, NW  
 SUITE 900  
 WASHINGTON, DC 20004-2128

RECEIVED  
 DEC. 07 2005  
 GAB  
 USPTO

INTERNATIONAL APPLICATION NO.	
PCT/GB03/03173	
I.A. FILING DATE	PRIORITY DATE
07/23/2003	07/23/2002

CONFIRMATION NO. 4918  
 371 FORMALITIES LETTER



\*OC000000017568788\*

Date Mailed: 12/05/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/21/2005
- Copy of the International Search Report filed on 01/21/2005
- Copy of IPE Report filed on 01/21/2005
- Preliminary Amendments filed on 01/21/2005
- Information Disclosure Statements filed on 05/26/2005
- Request for Immediate Examination filed on 01/21/2005
- U.S. Basic National Fees filed on 01/21/2005
- Priority Documents filed on 01/21/2005

DOCKETED BY 12/05/05 / JAS / KDL  
 VERIFIED BY 12/22/05 / JAS  
 Nixon Peabody LLP

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

**BARBARA A CAMPBELL**

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Telephone: (703) 308-9140 EXT 217

**PART 1 - ATTORNEY/APPLICANT COPY**

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/521,796	PCT/GB03/03173	745003-1000

FORM PCT/DO/EO/905 (371 Formalities Notice)